

Dhanish Mehta

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SUMMARY

A result-driven and analytical software engineer with a strong focus on automation and investigating human computer interaction. Proficient in integrating services and thinking outside the box for difficult engineering problems.

EXPERIENCE

Research Assistant

August 2014 – Present

Experiment Automation

Harris Institute for Assured Information, Melbourne, FL

- Designed an experiment automation framework to create and manage experiments autonomously in the cloud via ontologies saving valuable researcher time.
- Established a user modelling service to simulate cyber activities and simplified the learning curve to create cyber missions.
- Successfully designed and built mission dependent cyber stories for our customers.
- Performed analysis of network packets and created visualizations to detect anomalies.

Application Developer - Senior Design

August 2015 – June 2016

Operation Smile – OS-Pro

Florida Institute of Technology, Melbourne, FL

- Developed a cross-platform application for iOS and Android to facilitate patient information capture in real time while at the same time complying with the HIPAA Act for storage and transmission of data.
- Achieved the functioning of the application in remote terrain and hard to reach areas.
- Interfaced with Slàinte Healthcare and the CTO through the design and development process of the application.

ITS Internship

June 2015 - July 2015

Market Development Channel

Deloitte, Hermitage, TN

- Assisted Engagement Manager with leading various project threads for the Deloitte Media Portal including project plan creation, design, and development activities.
- Collaborated with the design agency to develop wireframes for various intranet applications.
- Developed user stories with acceptance criteria based on process flow diagrams.
- Performed user testing for the Client Communicator application.
- Attended the Discovery & Enabling Areas Leadership Conference.

SKILLS

Programming Languages – Java, C++, Python

Scripting Languages – JavaScript, Bash

Operating Systems – Linux, Windows

Messaging Queue – Apache Kafka, ZeroMQ

Frameworks – D3js, AngularJS, Ontology (OWL), Spring, Cordova, Data Science, Machine Learning, Bootstrap, CI/CD

Tools – Ansible, Git, SVN, GROK, Maven, Docker, JIRA, Protégé, Weka, JUnit, TestNG, Selenium, Heroku

Database Systems – MySQL, Elasticsearch, jQuery, Freemarker, Jinja

Applications – MS Visual Studio, JetBrains Suite, Eclipse, WireShark, XMind, MS Office

Document Preparation – Latex, Confluence

EDUCATION

Florida Institute of Technology

Melbourne FL

Master of Science, Computer Science

GPA 3.75

Bachelor of Science, Computer Science

Business Administration, Minor